

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: November 17, 2003, 16:26:54 ; Search time 21 Seconds  
(without alignments)  
163.199 Million cell updates/sec

Title: US-10-016-481a-6

Perfect score: 461

Sequence: 1 AVITGACDKDSQCGGMC...LPGLCLRTSFNRFICLAQK 81

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued\_Patents\_AA.\*
- 1: /cgn2\_6/ptodata/1/iaa/5A\_COMB.pep.\*
  - 2: /cgn2\_6/ptodata/1/iaa/5B\_COMB.pep.\*
  - 3: /cgn2\_6/ptodata/1/iaa/6A\_COMB.pep.\*
  - 4: /cgn2\_6/ptodata/1/iaa/6B\_COMB.pep.\*
  - 5: /cgn2\_6/ptodata/1/iaa/PCTUS\_COMB.pep.\*
  - 6: /cgn2\_6/ptodata/1/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	461	100.0	108	4	US-09-712-529-2
2	291	63.1	105	4	US-09-996-243-371
3	291	63.1	105	4	US-09-712-529-5
4	101.5	22.0	224	4	US-09-161-241-14
5	100	21.7	266	4	US-09-161-241-10
6	98	21.3	259	4	US-09-161-241-11
7	97	21.0	207	4	US-09-161-241-13
8	97	21.0	259	4	US-09-161-241-12
9	95	20.6	350	4	US-09-161-241-9
10	90.5	19.6	349	4	US-09-161-241-8
11	73.5	15.9	299	3	US-09-188-930-192
12	73.5	15.9	299	3	US-09-188-930-332
13	73.5	15.9	299	4	US-09-312-283C-192
14	73.5	15.9	299	4	US-09-312-283C-332
15	73	15.8	122	4	US-09-489-847-189
16	71.5	15.5	2471	1	US-08-185-432-16
17	71.5	15.5	2471	1	US-08-083-530A-19
18	71.5	15.5	2471	3	US-08-532-384-19
19	71.5	15.5	2471	4	US-08-899-232-1
20	68.5	14.9	1010	3	US-08-882-046-7
21	68.5	14.9	1036	4	US-09-068-740A-6
22	68.5	14.9	1187	4	US-09-068-740A-7
23	68.5	14.9	1208	4	US-09-198-865-1
24	68.5	14.9	1218	2	US-08-400-159-6
25	68.5	14.9	1218	3	US-08-611-729A-6
26	68.5	14.9	1218	3	US-08-882-046-2
27	68.5	14.9	1218	3	US-09-214-278-7

28	68.5	14.9	1218	4	US-09-068-740A-11	Sequence 11, Appl
29	68.5	14.9	1219	3	US-08-882-046-5	Sequence 5, Appli
30	68.5	14.9	3075	2	US-08-460-309-5	Sequence 5, Appli
31	68.5	14.9	3075	2	US-08-125-077-5	Sequence 5, Appli
32	66.5	14.4	661	1	US-08-399-986B-5	Sequence 5, Appli
33	66.5	14.4	661	2	US-08-493-754A-5	Sequence 5, Appli
34	65	14.1	1248	3	US-08-882-046-6	Sequence 6, Appli
35	64	13.9	235	4	US-09-620-405B-487	Sequence 487, App
36	64	13.9	235	4	US-09-604-287A-487	Sequence 487, App
37	64	13.9	505	4	US-09-620-405B-485	Sequence 485, App
38	64	13.9	505	4	US-09-620-405B-485	Sequence 485, App
39	64	13.9	505	4	US-09-604-287A-478	Sequence 478, App
40	64	13.9	505	4	US-09-604-287A-485	Sequence 485, App
41	63.5	13.8	2321	4	US-09-230-652-2	Sequence 2, Appli
42	62.5	13.6	1193	2	US-08-400-159-10	Sequence 10, Appl
43	62.5	13.6	1193	3	US-08-611-729A-10	Sequence 10, Appl
44	62.5	13.6	1940	2	US-08-644-271-30	Sequence 30, Appl
45	62.5	13.6	1940	4	US-09-077-955-34	Sequence 34, Appl

#### ALIGNMENTS

RESULT 1  
US-09-712-529-2  
; Sequence 2, Application US/09712529  
; Patent No. 6485938  
; GENERAL INFORMATION:  
; APPLICANT: Sheppard, Paul O.  
; APPLICANT: Bishop, Paul D.  
; APPLICANT: Whitmore, Theodore E.  
; APPLICANT: Thompson, Penny P.  
; TITLE OF INVENTION: Human Zven Proteins  
; FILE REFERENCE: 99-81  
; CURRENT APPLICATION NUMBER: US/09/712,529  
; CURRENT FILING DATE: 2000-11-14  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 2  
; LENGTH: 108  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-712-529-2

Query Match 100.0%; Score 461; DB 4; Length 108;  
Best Local Similarity 100.0%; Pred. No. 4e-44;  
Matches 81; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AVITGACDKDSQCGGMC...LPGLCLRTSFNRFICLAQK 81

Db 28 AVITGACDKDSQCGGMC...LPGLCLRTSFNRFICLAQK 87

QY 61 CLPGLCLRTSFNRFICLAQK 81

Db 88 CLPGLCLRTSFNRFICLAQK 108

#### RESULT 2

US-09-996-243-371

; Sequence 371, Application US/09996243

; Patent No. 6478825

; GENERAL INFORMATION:

; APPLICANT: Ashtenazi, Avi J.

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.